

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/540,493
Source: 1 FWP
Date Processed by STIC: 6/5/06

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 06/05/2006

PATENT APPLICATION: US/10/540,493

TIME: 09:12:03

Input Set : A:\1169-036.APP

Output Set: N:\CRF4\06052006\J540493.raw

```

3 <110> APPLICANT: GIORGI, DOMINIQUE
4     SAFFIN, JEAN-MICHEL
5     ROUQUIER, SYLVIE
7 <120> TITLE OF INVENTION: NOVEL CENTROSOME-ASSOCIATED PROTEIN AND APPICATIONS
8     THEREOF
10 <130> FILE REFERENCE: 1169-036
12 <140> CURRENT APPLICATION NUMBER.: 10/540,493
13 <141> CURRENT FILING DATE: 2005-06-24
15 <150> PRIOR APPLICATION NUMBER: PCT/FR03/003895
16 <151> PRIOR FILING DATE: 2003-12-24
18 <150> PRIOR APPLICATION NUMBER: FR 02 16648
19 <151> PRIOR FILING DATE: 2002-12-24
21 <160> NUMBER OF SEQ ID NOS: 53
23 <170> SOFTWARE: PatentIn Ver. 3.3
25 <210> SEQ ID NO: 1
26 <211> LENGTH: 647
27 <212> TYPE: PRT
28 <213> ORGANISM: Homo sapiens
30 <400> SEQUENCE: 1
31 Met Ser Asp Glu Val Phe Ser Thr Thr Leu Ala Tyr Thr Lys Ser Pro
32   1             5             10             15
34 Lys Val Thr Lys Arg Thr Thr Phe Gln Asp Glu Leu Ile Arg Ala Ile
35             20             25             30
37 Thr Ala Arg Ser Ala Arg Gln Arg Ser Ser Glu Tyr Ser Asp Asp Phe
38             35             40             45
40 Asp Ser Asp Glu Ile Val Ser Leu Gly Asp Phe Ser Asp Thr Ser Ala
41             50             55             60
43 Asp Glu Asn Ser Val Asn Lys Lys Met Asn Asp Phe His Ile Ser Asp
44             65             70             75             80
46 Asp Glu Glu Lys Asn Pro Ser Lys Leu Leu Phe Leu Lys Thr Asn Lys
47             85             90             95
49 Ser Asn Gly Asn Ile Thr Lys Asp Glu Pro Val Cys Ala Ile Lys Asn
50             100            105            110
52 Glu Glu Glu Met Ala Pro Asp Gly Cys Glu Asp Ile Val Val Lys Ser
53             115            120            125
55 Phe Ser Glu Ser Gln Asn Lys Asp Glu Glu Phe Glu Lys Asp Lys Ile
56             130            135            140
58 Lys Met Lys Pro Lys Pro Arg Ile Leu Ser Ile Lys Ser Thr Ser Ser
59             145            150            155            160
61 Ala Glu Asn Asn Ser Leu Asp Thr Asp Asp His Phe Lys Pro Ser Pro
62             165            170            175
64 Trp Pro Arg Ser Met Leu Lys Lys Lys Ser His Met Glu Glu Lys Asp
65             180            185            190

```

RAW SEQUENCE LISTING

DATE: 06/05/2006

PATENT APPLICATION: US/10/540,493

TIME: 09:12:03

Input Set : A:\1169-036.APP

Output Set: N:\CRF4\06052006\J540493.raw

```

67 Gly Leu Glu Asp Lys Glu Thr Ala Leu Ser Glu Glu Leu Glu Leu His
68      195      200      205
70 Ser Ala Pro Ser Ser Leu Pro Thr Pro Asn Gly Ile Gln Leu Glu Ala
71      210      215      220
73 Glu Lys Lys Ala Phe Ser Glu Asn Leu Asp Pro Glu Asp Ser Cys Leu
74 225      230      235      240
76 Thr Ser Leu Ala Ser Ser Ser Leu Lys Gln Ile Leu Gly Asp Ser Phe
77      245      250      255
79 Ser Pro Gly Ser Glu Gly Asn Ala Ser Gly Lys Asp Pro Asn Glu Glu
80      260      265      270
82 Ile Thr Glu Asn His Asn Ser Leu Lys Ser Asp Glu Asn Lys Glu Asn
83      275      280      285
85 Ser Phe Ser Ala Asp His Val Thr Thr Ala Val Glu Lys Ser Lys Glu
86      290      295      300
88 Ser Gln Val Thr Ala Asp Asp Leu Glu Glu Glu Lys Ala Lys Ala Glu
89 305      310      315      320
91 Leu Ile Met Asp Asp Asp Arg Thr Val Asp Pro Leu Leu Ser Lys Ser
92      325      330      335
94 Gln Ser Ile Leu Ile Ser Thr Ser Ala Thr Ala Ser Ser Lys Lys Thr
95      340      345      350
97 Ile Glu Asp Arg Asn Ile Lys Asn Lys Lys Ser Thr Asn Asn Arg Ala
98      355      360      365
100 Ser Ser Ala Ser Ala Arg Leu Met Thr Ser Glu Phe Leu Lys Lys Ser
101      370      375      380
103 Ser Ser Lys Arg Arg Thr Pro Ser Thr Thr Thr Ser Ser His Tyr Leu
104 385      390      395      400
106 Gly Thr Leu Lys Val Leu Asp Gln Lys Pro Ser Gln Lys Gln Ser Ile
107      405      410      415
109 Glu Pro Asp Arg Ala Asp Asn Ile Arg Ala Ala Val Tyr Gln Glu Trp
110      420      425      430
112 Leu Glu Lys Lys Asn Val Tyr Leu His Glu Met His Arg Ile Lys Arg
113      435      440      445
115 Ile Glu Ser Glu Asn Leu Arg Ile Gln Asn Glu Gln Lys Lys Ala Ala
116      450      455      460
118 Lys Arg Glu Glu Ala Leu Ala Ser Phe Glu Ala Trp Lys Ala Met Lys
119 465      470      475      480
121 Glu Lys Glu Ala Lys Lys Ile Ala Ala Lys Lys Arg Leu Glu Glu Lys
122      485      490      495
124 Asn Lys Lys Lys Thr Glu Glu Glu Asn Ala Ala Arg Lys Gly Glu Ala
125      500      505      510
127 Leu Gln Ala Phe Glu Lys Trp Lys Glu Lys Lys Met Glu Tyr Leu Lys
128      515      520      525
130 Glu Lys Asn Arg Lys Glu Arg Glu Tyr Glu Arg Ala Lys Lys Gln Lys
131      530      535      540
133 Glu Glu Glu Thr Val Ala Glu Lys Lys Lys Asp Asn Leu Thr Ala Val
134 545      550      555      560
136 Glu Lys Trp Asn Glu Lys Lys Glu Ala Phe Phe Lys Gln Lys Lys Lys
137      565      570      575
139 Glu Lys Ile Asn Glu Lys Arg Lys Glu Glu Leu Lys Arg Ala Glu Lys

```

RAW SEQUENCE LISTING

DATE: 06/05/2006

PATENT APPLICATION: US/10/540,493

TIME: 09:12:03

Input Set : A:\1169-036.APP

Output Set: N:\CRF4\06052006\J540493.raw

```

140          580          585          590
142 Lys Asp Lys Asp Lys Gln Ala Ile Asn Glu Tyr Glu Lys Trp Leu Glu
143          595          600          605
145 Asn Lys Glu Lys Gln Glu Arg Ile Glu Arg Lys Gln Lys Lys Arg His
146          610          615          620
148 Ser Phe Leu Glu Ser Glu Ala Leu Pro Pro Trp Ser Pro Pro Ser Arg
149 625          630          635          640
151 Thr Val Phe Ala Lys Val Phe
152          645
155 <210> SEQ ID NO: 2
156 <211> LENGTH: 25
157 <212> TYPE: PRT
158 <213> ORGANISM: Homo sapiens
160 <400> SEQUENCE: 2
161 Met Ser Asp Glu Val Phe Ser Thr Thr Leu Ala Tyr Thr Lys Ser Pro
162 1          5          10          15
164 Lys Val Thr Lys Arg Thr Thr Phe Gln
165          20          25
168 <210> SEQ ID NO: 3
169 <211> LENGTH: 28
170 <212> TYPE: PRT
171 <213> ORGANISM: Homo sapiens
173 <400> SEQUENCE: 3
174 Asp Glu Leu Ile Arg Ala Ile Thr Ala Arg Ser Ala Arg Gln Arg Ser
175 1          5          10          15
177 Ser Glu Tyr Ser Asp Asp Phe Asp Ser Asp Glu Ile
178          20          25
181 <210> SEQ ID NO: 4
182 <211> LENGTH: 107
183 <212> TYPE: PRT
184 <213> ORGANISM: Homo sapiens
186 <400> SEQUENCE: 4
187 Val Ser Leu Gly Asp Phe Ser Asp Thr Ser Ala Asp Glu Asn Ser Val
188 1          5          10          15
190 Asn Lys Lys Met Asn Asp Phe His Ile Ser Asp Asp Glu Glu Lys Asn
191          20          25          30
193 Pro Ser Lys Leu Leu Phe Leu Lys Thr Asn Lys Ser Asn Gly Asn Ile
194          35          40          45
196 Thr Lys Asp Glu Pro Val Cys Ala Ile Lys Asn Glu Glu Glu Met Ala
197          50          55          60
199 Pro Asp Gly Cys Glu Asp Ile Val Val Lys Ser Phe Ser Glu Ser Gln
200 65          70          75          80
202 Asn Lys Asp Glu Glu Phe Glu Lys Asp Lys Ile Lys Met Lys Pro Lys
203          85          90          95
205 Pro Arg Ile Leu Ser Ile Lys Ser Thr Ser Ser
206          100          105
209 <210> SEQ ID NO: 5
210 <211> LENGTH: 76
211 <212> TYPE: PRT

```

RAW SEQUENCE LISTING

DATE: 06/05/2006

PATENT APPLICATION: US/10/540,493

TIME: 09:12:03

Input Set : A:\1169-036.APP

Output Set: N:\CRF4\06052006\J540493.raw

```

212 <213> ORGANISM: Homo sapiens
214 <400> SEQUENCE: 5
215 Ala Glu Asn Asn Ser Leu Asp Thr Asp Asp His Phe Lys Pro Ser Pro
216   1           5           10           15
218 Trp Pro Arg Ser Met Leu Lys Lys Lys Ser His Met Glu Glu Lys Asp
219           20           25           30
221 Gly Leu Glu Asp Lys Glu Thr Ala Leu Ser Glu Glu Leu Glu Leu His
222           35           40           45
224 Ser Ala Pro Ser Ser Leu Pro Thr Pro Asn Gly Ile Gln Leu Glu Ala
225           50           55           60
227 Glu Lys Lys Ala Phe Ser Glu Asn Leu Asp Pro Glu
228   65           70           75
231 <210> SEQ ID NO: 6
232 <211> LENGTH: 31
233 <212> TYPE: PRT
234 <213> ORGANISM: Homo sapiens
236 <400> SEQUENCE: 6
237 Asp Ser Cys Leu Thr Ser Leu Ala Ser Ser Ser Leu Lys Gln Ile Leu
238   1           5           10           15
240 Gly Asp Ser Phe Ser Pro Gly Ser Glu Gly Asn Ala Ser Gly Lys
241           20           25           30
244 <210> SEQ ID NO: 7
245 <211> LENGTH: 83
246 <212> TYPE: PRT
247 <213> ORGANISM: Homo sapiens
249 <400> SEQUENCE: 7
250 Asp Pro Asn Glu Glu Ile Thr Glu Asn His Asn Ser Leu Lys Ser Asp
251   1           5           10           15
253 Glu Asn Lys Glu Asn Ser Phe Ser Ala Asp His Val Thr Thr Ala Val
254           20           25           30
256 Glu Lys Ser Lys Glu Ser Gln Val Thr Ala Asp Asp Leu Glu Glu Glu
257           35           40           45
259 Lys Ala Lys Ala Glu Leu Ile Met Asp Asp Asp Arg Thr Val Asp Pro
260           50           55           60
262 Leu Leu Ser Lys Ser Gln Ser Ile Leu Ile Ser Thr Ser Ala Thr Ala
263   65           70           75           80
265 Ser Ser Lys
269 <210> SEQ ID NO: 8
270 <211> LENGTH: 24
271 <212> TYPE: PRT
272 <213> ORGANISM: Homo sapiens
274 <400> SEQUENCE: 8
275 Lys Thr Ile Glu Asp Arg Asn Ile Lys Asn Lys Lys Ser Thr Asn Asn
276   1           5           10           15
278 Arg Ala Ser Ser Ala Ser Ala Arg
279           20
282 <210> SEQ ID NO: 9
283 <211> LENGTH: 54
284 <212> TYPE: PRT

```

RAW SEQUENCE LISTING

DATE: 06/05/2006

PATENT APPLICATION: US/10/540,493

TIME: 09:12:03

Input Set : A:\1169-036.APP

Output Set: N:\CRF4\06052006\J540493.raw

```

285 <213> ORGANISM: Homo sapiens
287 <400> SEQUENCE: 9
288 Leu Met Thr Ser Glu Phe Leu Lys Lys Ser Ser Ser Lys Arg Arg Thr
289   1           5           10           15
291 Pro Ser Thr Thr Thr Ser Ser His Tyr Leu Gly Thr Leu Lys Val Leu
292           20           25           30
294 Asp Gln Lys Pro Ser Gln Lys Gln Ser Ile Glu Pro Asp Arg Ala Asp
295   35           40           45
297 Asn Ile Arg Ala Ala Val
298   50
301 <210> SEQ ID NO: 10
302 <211> LENGTH: 32
303 <212> TYPE: PRT
304 <213> ORGANISM: Homo sapiens
306 <400> SEQUENCE: 10
307 Tyr Gln Glu Trp Leu Glu Lys Lys Asn Val Tyr Leu His Glu Met His
308   1           5           10           15
310 Arg Ile Lys Arg Ile Glu Ser Glu Asn Leu Arg Ile Gln Asn Glu Gln
311   20           25           30
317 <210> SEQ ID NO: 11
318 <211> LENGTH: 54
319 <212> TYPE: PRT
320 <213> ORGANISM: Homo sapiens
322 <400> SEQUENCE: 11
323 Lys Lys Ala Ala Lys Arg Glu Glu Ala Leu Ala Ser Phe Glu Ala Trp
324   1           5           10           15
326 Lys Ala Met Lys Glu Lys Glu Ala Lys Lys Ile Ala Ala Lys Lys Arg
327   20           25           30
329 Leu Glu Glu Lys Asn Lys Lys Lys Thr Glu Glu Glu Asn Ala Ala Arg
330   35           40           45
332 Lys Gly Glu Ala Leu Gln
333   50
336 <210> SEQ ID NO: 12
337 <211> LENGTH: 49
338 <212> TYPE: PRT
339 <213> ORGANISM: Homo sapiens
341 <400> SEQUENCE: 12
342 Ala Phe Glu Lys Trp Lys Glu Lys Lys Met Glu Tyr Leu Lys Glu Lys
343   1           5           10           15
345 Asn Arg Lys Glu Arg Glu Tyr Glu Arg Ala Lys Lys Gln Lys Glu Glu
346   20           25           30
348 Glu Thr Val Ala Glu Lys Lys Lys Asp Asn Leu Thr Ala Val Glu Lys
349   35           40           45
351 Trp
355 <210> SEQ ID NO: 13
356 <211> LENGTH: 43
357 <212> TYPE: PRT
358 <213> ORGANISM: Homo sapiens
360 <400> SEQUENCE: 13

```

VERIFICATION SUMMARY

DATE: 06/05/2006

PATENT APPLICATION: US/10/540,493

TIME: 09:12:04

Input Set : A:\1169-036.APP

Output Set: N:\CRF4\06052006\J540493.raw